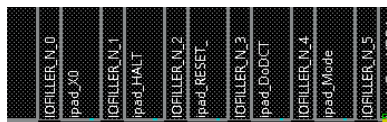
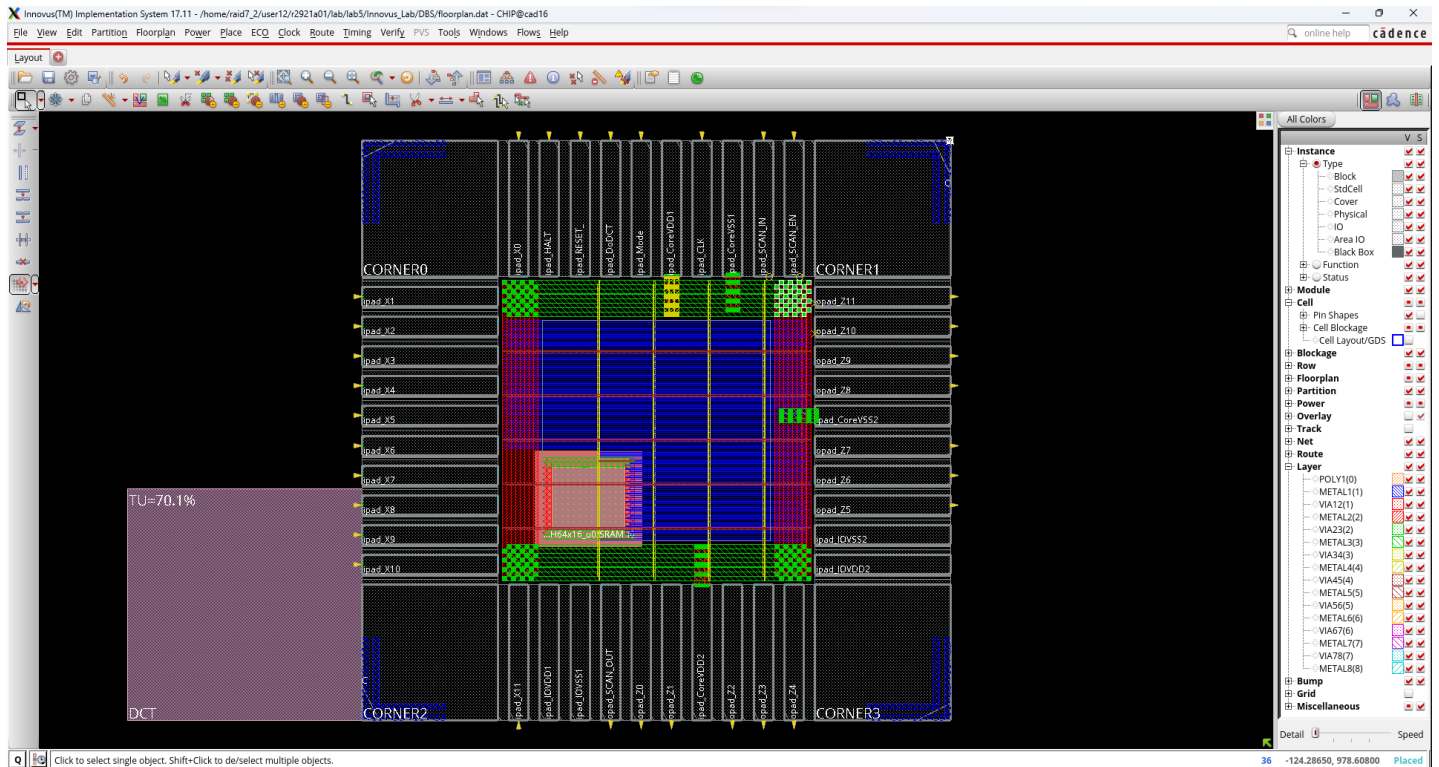


CVSD Lab6

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1. Take a screenshot after powerplan (IO filler is added) and show verification results of DRC and connectivity.

powerplan:



(IO filler is added)

```
VERIFY DRC ..... Sub-Area : 31 complete 0 Viols.
VERIFY DRC ..... Sub-Area : {179.520 884.000 359.040 1051.240} 32 of 36
VERIFY DRC ..... Sub-Area : 32 complete 0 Viols.
VERIFY DRC ..... Sub-Area : {359.040 884.000 538.560 1051.240} 33 of 36
VERIFY DRC ..... Sub-Area : 33 complete 0 Viols.
VERIFY DRC ..... Sub-Area : {538.560 884.000 718.080 1051.240} 34 of 36
VERIFY DRC ..... Sub-Area : 34 complete 0 Viols.
VERIFY DRC ..... Sub-Area : {718.080 884.000 897.600 1051.240} 35 of 36
VERIFY DRC ..... Sub-Area : 35 complete 0 Viols.
VERIFY DRC ..... Sub-Area : {897.600 884.000 1066.640 1051.240} 36 of 36
VERIFY DRC ..... Sub-Area : 36 complete 0 Viols.

Verification Complete : 0 Viols.

*** End Verify DRC (CPU: 0:00:00.1 ELAPSED TIME: 0.00 MEM: 2.0M) ***
```

(results of DRC)

```
***** Start: VERIFY CONNECTIVITY *****
Start Time: Tue Nov 21 17:11:23 2023

Design Name: CHIP
Database Units: 2000
Design Boundary: (0.0000, 0.0000) (1066.6400, 1051.2400)
Error Limit = 1000; Warning Limit = 50
Check specified nets
*** Checking Net VDD
*** Checking Net VSS

Begin Summary
  Found no problems or warnings.
End Summary

End Time: Tue Nov 21 17:11:23 2023
Time Elapsed: 0:00:00.0

***** End: VERIFY CONNECTIVITY *****
Verification Complete : 0 Viols. 0 Wrngs.
(CPU Time: 0:00:00.0 MEM: 0.000M)
```

(results of connectivity)

```

-----
timeDesign Summary
-----

Setup views included:
av_func_mode_max

-----+-----+-----+-----+-----+-----+-----+
Setup mode | all | reg2reg | in2reg | reg2out | in2out | default |
-----+-----+-----+-----+-----+-----+-----+
WNS (ns): | 0.006 | 0.006 | 3.392 | 0.478 | N/A | 0.000 |
TNS (ns): | 0.000 | 0.000 | 0.000 | 0.000 | N/A | 0.000 |
Violating Paths: | 0 | 0 | 0 | 0 | N/A | 0 |
All Paths: | 2281 | 1877 | 771 | 13 | N/A | 0 |
-----+-----+-----+-----+-----+-----+-----+

-----+-----+-----+-----+-----+
DRVs | Real | Total |
-----+-----+-----+-----+-----+
      | Nr nets(terms) | Worst Vio | Nr nets(terms) |
-----+-----+-----+-----+-----+
max_cap | 0 (0) | 0.000 | 0 (0) |
max_tran | 0 (0) | 0.000 | 0 (0) |
max_fanout | 0 (0) | 0 | 1 (1) |
max_length | 0 (0) | 0 | 0 (0) |
-----+-----+-----+-----+-----+

```